

Volume 28, No. 6, June 1996

# CAROLINA COUNTRY

Official publication of Carolina Electric Cooperatives

*The Carolina Farmer*

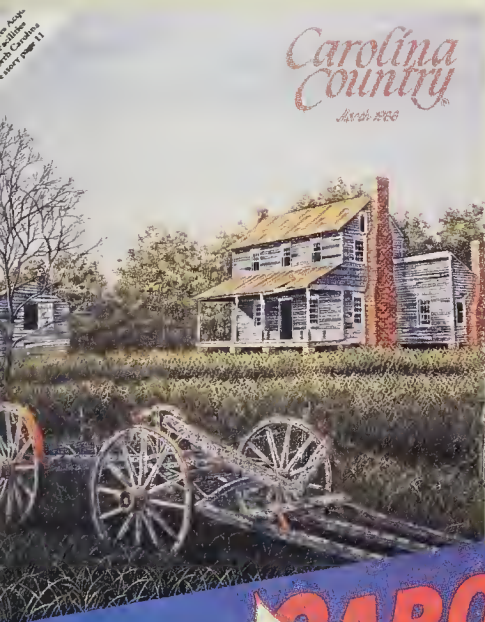
COVERING THE CAROLINAS FROM THE MOUNTAINS TO THE SEA



Celebrating

1946  
1996

50 years  
of continuous publication



the Carolina Farmer

HOBBIES FOR FARMERS

Unusual sidelines often pay off

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Tar Heel product for plant beds

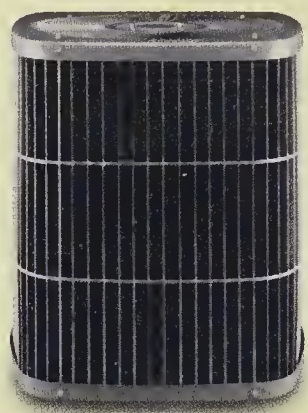
MARCH 1956



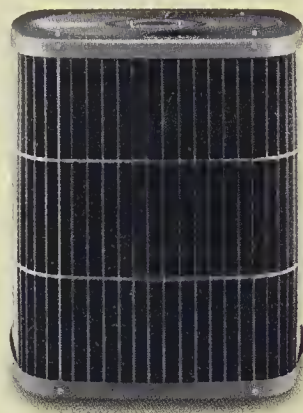
Looking Back 50 Years • Looking Ahead 50 Years



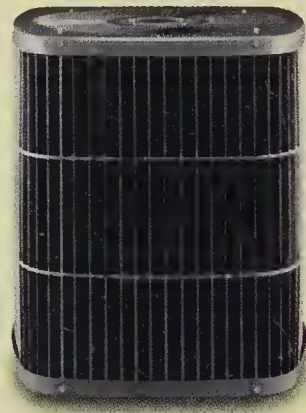
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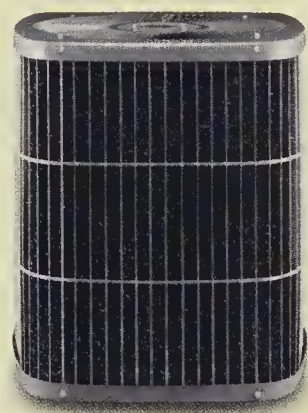
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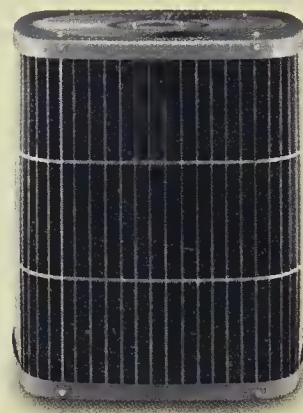
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Volume 28, No. 6, June 1996



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Volume 28, No. 6, June 1996

# CAROLINA COUNTRY

Celebrating

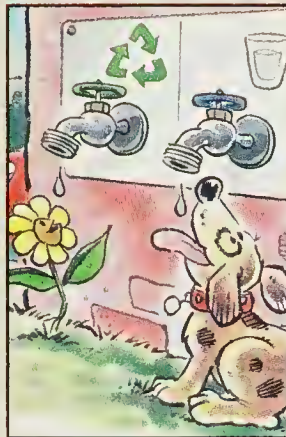
1946  
1996



## Our 50th Anniversary Edition

### FEATURES

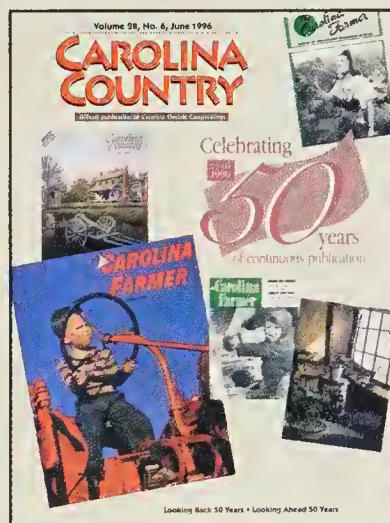
#### In the Year 2046



Will the Carolina countryside still be there 50 years from now? Nell Perry Bovender asks some experts to gaze into the future. And Jackie Pittman illustrates their visions.

#### 50 Years of Carolina Country 12

Owen Bishop looks back through 50 years of publishing the magazine dedicated to North Carolina's electric cooperatives.



#### On the Cover

Five decades: Who remembers these magazine covers from 1946, 1956, 1966, 1976 and 1986?

#### 8 How to Stop That Surge 15

Your electric cooperative does its best to control power surges. Find out how you can protect your household equipment from the surge.

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The last word on clabber?

#### Here, There & Everywhere 20

June 1 - July 7.

#### Joyner's Corner 22

The winner, the answer and a new puzzle.

#### Marketplace 24-25

A monthly showcase of goods and services.

#### Hank's Gardening Guide 26

Abundant color and fragrance.

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Historical hits from Carolina Country's back pages, including young women in chicken feed togs.

#### Country Kitchen 30

Fruit Supreme.



# Letters and Comments



## What Do You Think?

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## Clabber story keeps churning

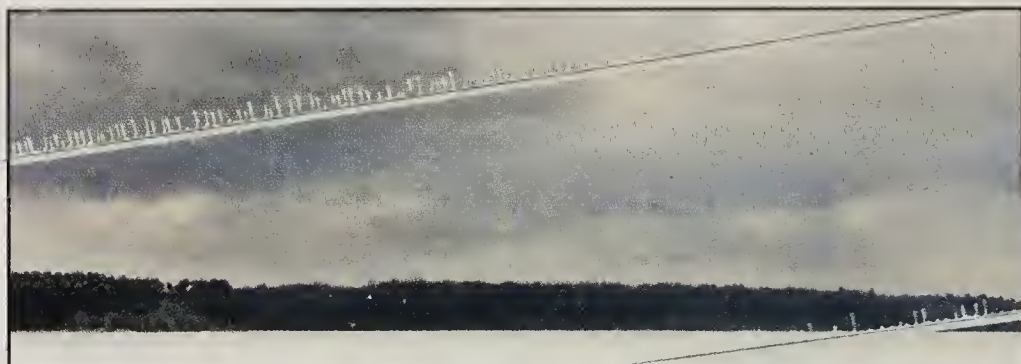
When I received the April issue of Carolina Country, I went straight to the "Letters" section to see if the mistake concerning buttermilk in the February issue had been addressed. Indeed it was, by a lady in Cashiers. However I feel compelled to write again and correct her also. We wouldn't want the readers drinking or churning the wrong stuff.

The lady stated that the liquid to be churned was called "clabber." Not so! One churns cream to produce butter. Clabber is soured milk that has curdled and is used to make cottage cheese.

Well, I met my brother Bob for breakfast the morning after I got the April issue, and I asked him if he ever heard of clabber. He remembered. He said, "That's what they (Grandma and Aunt Gertrude) used to make cottage cheese." He frowned on the idea of churning clabber. I told him of the correction, and he said, "You'd better correct the correction."

*Arthur T. Ray, Boone*

*We are spreading the corrected correction now. — Ed.*



## Which end is up?

As I drove down a country road in the Newland area of Elizabeth City after the snow we had during the first week of February, I did a double-take when I saw these upside-down icicles on the light line. The line had fallen, and in so doing, twisted just enough to keep the icicles upright. With the trees in the background, it makes one wonder, "Which end is up?"

*Kaye W. Ventura, Elizabeth City, Albemarle EMC*

## Dorothea Dix, Class of '46?

My mother graduated from Dorothea Dix Nursing School in Raleigh in 1946. Soon after graduation she lost her nursing pin. We are trying to find someone who also graduated from this school and might still have their pin that we could copy. I am getting ready to graduate from Queens College Nursing School and would love a copy of my mom's pin to wear along with my own. If you have any information that may help me find a pin, please write.

*Faye Yountz, 324 Gatewood Lane  
Matthews, NC 28105*

## Tall order

My husband and I recently moved here and have enjoyed North Carolina pork barbecue. I have tried unsuccessfully several times to cook this dish for my family. Could your readers tell me the spices that are used in preparing the barbecue?

*Denise Kleinfelter  
5948 Graham Sherron Rd.  
Wake Forest, NC 27587*

## Memo from the mayor

Thank you for the excellent two-page coverage of our 10th annual North Carolina Pickle Festival ["Pickle Partners," April 1996]. Susie Kornegay did an outstanding story of words and colorful photographs. It is this kind of individual and corporate support that has made our festival such a great event.

*B.R. Huggins, Mayor  
Mount Olive*

## Correction

Many readers realized the typographical errors and omissions from Joyner's Corner in the May magazine. We apologize and explain on page 22.

## Assisting in cancer prevention

When I was contacted by Carolina Country for information on Southeastern Medical Oncology's participation in the Breast Cancer Prevention Trial and the Prostate Cancer Prevention Trial ["Focus," March 1996], I never imagined the quality of this publication. I read it until the pages were dog-eared.

I was delighted at the response to the article on the prevention trials from you readers. It has been a pleasure to speak with so many people who have an interest in these two historic trials. We are only one of more than 250 sites nationwide participating in these studies. If any one who is interested has hesitated to call because they live any distance from Goldsboro, I invite them to call me at (919) 580-0000, and I will refer them to the closest site.

*Maureen Loomis  
Southeastern Medical Oncology Center  
Goldsboro*

## Thanks for candlewicking pattern

Thank you to all the readers who sent me candlewicking patterns ["Letters & Comments," April 1996]. I will use them and pass copies to friends. May the Lord richly bless each of you.

*Kathleen Pryor, Kings Mountain*



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# What Would You Do With An Extra \$3,600 to \$12,000 per year?

# How to Get a Fast Mortgage Loan To Pay Off All Your Bills\*\* (Even If You've Been Turned Down By A Bank Or Mortgage Company)

**Rockingham, N.C.** - Ray and Becky were frustrated. They'd bought the house 12 years ago and it was five years old when they moved in. Becky laughed out loud when she thought back to that time. Back then it seemed so big and beautiful. But now, 12 years and 3 kids later, the house felt small and run down. The house needed a new roof and her two youngest girls, Emily and Katie, were doubling up in the small 10 x 12 bedroom.

Five years ago, Ray and Becky had a contractor come and talk to them about a new addition. Becky remembered how excited she and Ray both were. They even paid to have the plans drawn up. But that was the year before Ray lost his job at the plant. She poured herself another cup of coffee and recalled how depressed they both were. It was over a year before he got another job. And during that time, they got behind on everything.

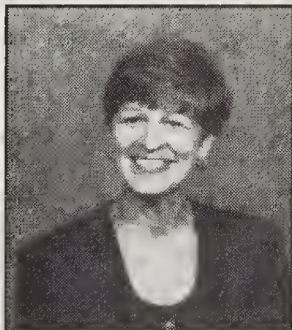
## No Summer Vacation

They were so strapped for money one summer, they couldn't even take Emily and Katie to the beach for a few days for their annual vacation. Sure they finally got all caught up when Ray went back to work, it took them two years and by that time it had ruined their previously perfect credit record, it was a vicious cycle. You know, getting paid on Friday, sitting down on Saturday to pay bills and running out of money before all the bills are paid.

## "I Hit A Brick Wall"

After they got caught up they tried again to borrow the money for the addition. First they got turned down by the local bank, then a mortgage company in town rejected them. They just kept hitting the same brick wall. Even though Ray had gone back to work in another carpet mill making MORE money, the late payments that showed up on his credit reports scared the local banks and mortgage companies away. Ray felt like he was working JUST to pay his monthly bills and doing nothing for himself, Becky or the kids. Then he ran into Harvest Mortgage Company. Harvest helped him get a loan to pay off all his bills and consolidate everything into one single payment that was \$358 lower than he had been making. That saved him a whopping \$4,296 per year, TAX FREE. In the first year, that was enough money to close in the back porch, AND enough left over for new bikes for the kids.

## Home Equity is the Key



*Carole Eskew, Sr., V.P.*

"If you have a minimum of 20% equity or more, there's a good chance we can help you save a lot of money every month by combining old bills and your old mortgage into one payment. Or, we can refinance your home to buy a business, whatever."

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8,500	Auto Loan	375 <sup>(00)</sup>
2,000	VISA	100 <sup>(00)</sup>
2,000	MasterCard	100 <sup>(00)</sup>

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\* Rates subject to change

"I couldn't believe it. We closed our loan 9 days after the first day I talked to them on the phone."

*Debbie C., Dallas*

"We ended up paying off all our bills and rolling them all into one single payment. After we did, our total monthly payments dropped by almost \$400 per month."

*Billy and Judy*, Columbus

"Thanks to you and your great company, we feel reborn. Words can not express the relief we feel. We are so glad this battle with the bills is almost over."

James and Laurie C.

### Recent Loans Include:

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  - A \$100,000 loan to a borrower who couldn't verify income through tax returns.
  - A \$95,000 bill-consolidation loan that saved the borrower over \$8,100 per year and a whopping \$124,000 over the loan period.
- (No singlewides, please)*

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- Loans to borrowers with a lot of equity. homeowners who have slow credit or even been bankrupt.
- Cash out loans for investment property. a lot of equity.
- Loans for borrowers who want to do additions or remodel their homes.

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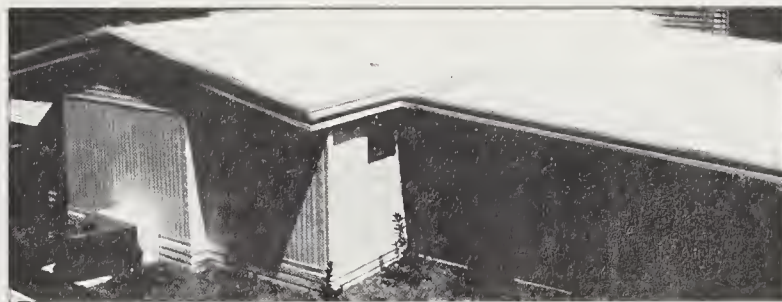
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## IN THE YEAR

# 2046

### VISIONS OF THE CAROLINA COUNTRYSIDE 50 YEARS FROM NOW

BY NELL PERRY BOVENDER

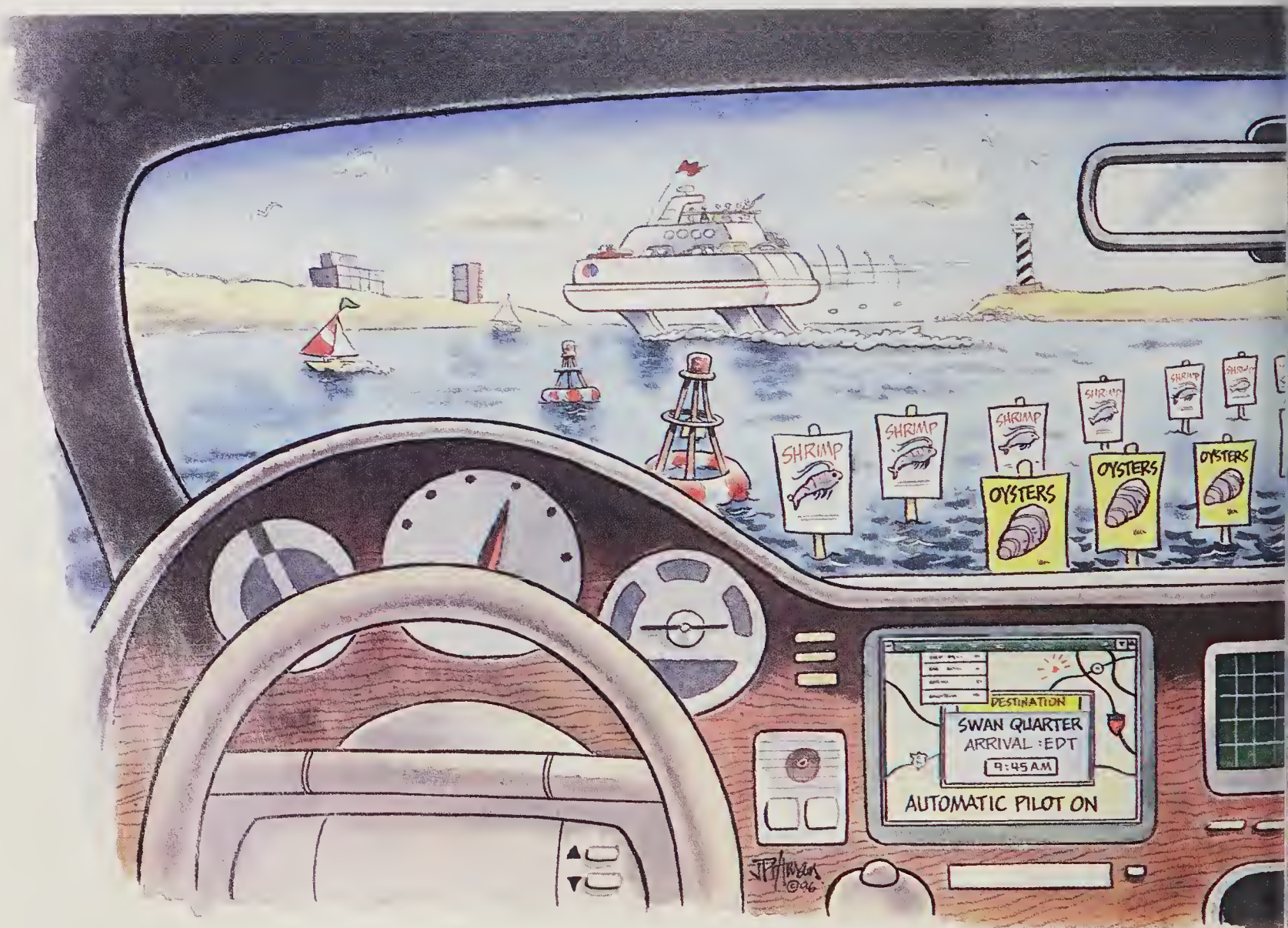
ILLUSTRATIONS BY JACKIE PITTMAN

The time is June 2046. My husband, children and I live in the western North Carolina town of Rutherfordton, and we have planned a week's vacation on the coast. Before we leave, we program the house to take care of its security, lighting, temperature and air quality for the time we're gone. Then we drive the 16 miles up U.S. 221 to I-40, pull onto the entrance ramp, set the car on automatic pilot, and we're on our way.

My husband has always farmed a little on the side, so en route we take a side trip to an eastern North Carolina shrimp and oyster farm.

After a day or two of relaxation at one of the recreational complexes along the Pamlico Sound, we board one of the high-speed passenger ferries to the oceanfront for the day so the children can ride some bigger waves.

While there, I make a few business calls. Although I live in Rutherfordton, I regularly provide free-lance public relations for a number of coastal businesses. After all, with global communications, it doesn't matter where we work — only that we provide what the customer needs. Same with education. Our college-age son sits in a classroom in





Cullowhee, but the professor and the academic credit come from Harvard.

On the way home, we visit the manager of a hunting preserve — much like the one we manage up in the foothills — so my husband can swap tales with a buddy he met over the Internet.

This fantasy of rural North Carolina 50 years from now is not as farfetched as you might think. Technology already exists for automatic cars and long-distance education and employment. To keep the beaches in place we'll have to replace the sand. As space for hunting dwindles, wildlife preserves will become good business. Aquaculture is already a growing industry in this state — we're currently second only to Idaho in trout production, for example.

Only our imagination limits our look into the future.

Some experts, however, are willing to place their imaginations on the record and guess what life might be like in rural North Carolina in 2046. I talked recently with some of them.

WHAT WILL BE RURAL?

The most predictable change, all the experts agree, is that the population will nearly

double over what it is today. So will there be any rural areas?

"Or will our definition of what is rural change?" asks Joe Zublena, an assistant state program leader with the N.C. Cooperative Extension Service. "Will 'rural' be pastoral settings or parks or just large areas between towns? 'Rural' may be in the eyes of the beholder."

There will still be plenty of small towns, says Jake Wicker, a professor at UNC-Chapel Hill's Institute of Government. Half of the towns in this state today have fewer than 1,000 people, and even if they double in population, that's still small.

Add to that the current trend toward denser urban areas, and we see the population thicken in three metropolitan areas — Charlotte/Mecklenburg, Raleigh/Durham, and Greensboro/Winston-Salem — says Tom Faison, a senior associate at MDC Inc. in Chapel Hill, which was founded in the 1960s as the N.C. Manpower Development Corp.

Almost half — 48 percent — of the population now lives in the 15 counties making up those three general areas. In 50 years, those still will be our major urban centers — only

denser in population, with the growth circling in rings surrounding the cities.

These cities are also where the better-paying, more technological jobs are located. If we look at only two counties at the heart of each of those centers (Mecklenburg/Gaston, Forsyth/Guilford, and Durham/Wake), we find 29 percent of the state's population and 32 percent of the jobs.

More than half of the state's counties, Tom Faison says, will not be touched by the growth of these areas.

What we want to avoid, he says, is developing the Piedmont while leaving rural eastern and western counties out of the loop. The idea is to create a business environment that allows people to live in rural areas and work at satisfying jobs. Emerging technology will help.

WORKING IN THE COUNTRY

Today's "Information Age" will change where we work — even if our employer is in the city. We will do more from our home computers, including our shopping, banking, visiting and learning.

If we need access to a university library, we'll tap into one through the Internet. If we need to order a dress not available in the local dress shop, we'll contact a store or the manufacturer directly through the Internet. If we want access to the best movies, music and books, we won't have to live in a city.

It's already happening in western North Carolina, says Tim Richards, director of the EDA University Center of Western Carolina University, formerly the Center for Improving Mountain Living. "If where you work doesn't matter," he says, "you will select a place to live based on quality of life first . . . The engineer who thought he had to live near N.C. State will be able to tap into classes and maintain state-of-the-art knowledge from wherever he lives."

What might be the same 50 years from now? Jake Wicker at the Institute of Government thought of several things.

Taxes will most likely be the same big three — income, property and sales.

Most of the houses that will be here in 50 years have already been built. The names on the mailboxes will be familiar: Half of the people who will be here in 50 years are already here.

He speculates that 85 percent or so of the highways that will be here in 50 years are already in place. Most of the totally new highway miles will be in residential subdivisions. Old roads will be widened and bridges improved.

"So the landscape as we know it today





will be recognizable," Wicker says, "if trends continue in the same direction."

In the last 40 years, the number of highway miles has increased 26 percent, while the population increased 63 percent, Wicker points out. In other words, we're already getting heavier use on the roads, and the highways will only get busier. That's why in 50 years we'll drive street-smart cars that can go on auto pilot on major highways.

Private vehicles will still dominate the roadways, Wicker believes. "Our population is too dispersed for mass transit. We want freedom to go when we want."

## FUTURE FARMERS

One of the biggest changes in the rural landscape for the last 50 years has been on this state's farms. They have been disappearing.

But North Carolina agriculture is still healthy and will be in 50 years, according to James A. "Jim" Graham, commissioner of the North Carolina Department of Agriculture. Diversification has already changed the face of agriculture here, and that will continue, Graham says.

Tobacco made up 46 percent of agricultural production in 1964, and by 1994 it was less than 15 percent. Instead of tobacco, we are producing other commodities, especially horticultural plants. Only Michigan raises more cucumbers for pickles. We're fourth in strawberries and blueberries. And look at all the Christmas tree farms in western North Carolina, Graham says.

One of our newest products is fish. "We're growing catfish, mountain trout, hybrid striped bass and yellow perch," Graham said. "I'm dreaming here, but why not shrimp, clams and oyster farms?"

By 2046, however, farming itself won't be the same. Farms will be fewer in number, larger and more productive. Farmers will depend on computers for buying and selling products, ordering supplies and keeping track of inventory. Products will be shipped fresh by jet all over the world.

As standard issue on farm equipment, global positioning systems will link a farmer into a satellite network and position his farm on a grid pattern. By punching in coordinates, he will see exactly where he needs to add fertilizer, for example, reducing upfront costs and waste, and, in the case of chemicals, producing less run-off.

Instead of pesticides, bugs will destroy plant-eating insects — just like ladybugs eat aphids in the home garden today. And crops will be genetically more resistant to pests and weeds than they are today. It's likely that we'll be growing a genetically engineered cotton with desirable lint characteristics.

## WILL BEACHES BE THERE?

Some of the more dramatic changes will come along the coast in the next 50 years, says Dirk Frankenberg, a professor in the marine science program at UNC-Chapel Hill who has written a book, "The Nature of the Outer Banks." There, the population is growing at twice the rate of the rest of the state.



"The good news is the Outer Banks will be there," he says, "but they are moving."

From one-half to 1 million cubic yards of sand is moving down the shore face every year.

"In 50 years, we will manage sand like we manage the water supply," Frankenberg says. "We will have to move sand from places it has naturally accumulated to places we need it."

More people means more traffic, and the automobile won't help on narrow barrier islands. Frankenberg sees more dependence on high-speed ferries or hydrofoils, like those used in Europe, to move people from inland points to the oceanfront, via the sounds.

He also sees development on inland tracts, since there is so little land remaining that can be developed along the barrier islands.

"So far the Pamlico Sound, the Albemarle Sound, haven't been as attractive," he says. "But that doesn't mean they're unattractive. We need to develop ecological tourism so that people appreciate the natural setting whether it be the beach face, which is moving and eroding, or the more stable but equally attractive shores of the inland waters."

The water supply also will be more critical, says Joe Zublena of Cooperative Extension. "The technology will be in place so that we can re-use waste water — maybe not to pristine drinking standards, but maybe. I see two water lines to every house — one drinking water, the other recycled waste water for watering lawns or washing cars."

## ANTICIPATING CHANGE

A lot of what's happening today will determine what life will be like here in 50 years, the experts say. If we don't handle development carefully today, the impact tomorrow will be more than environmental — it has economic consequences, too.

"The quality of life here is built around natural beauty," says Tim Richards at Western Carolina. "But if we're not careful, the advantage of living here will be gone. Already the air quality has suffered. There used to be 70-mile visibility from these mountains; now it's less than 10. Acid rain is wiping out trees."

We need creative ideas to promote the advantages of each region's natural character, he says. "I see a whole lot different economy here than Charlotte and the coast," Richards says. "We need creative solutions. 'Planning' isn't

the best word. That makes people think of zoning, and it's more than that. It's creative, thoughtful decision-making."

At the coast, Dirk Frankenberg says, pollution is moving downstream just as recreational development is moving upstream. There's bound to be a collision.

"If this is the goose that's laying these golden eggs, scarce coastal amenities have to be preserved," he says. "We have got to find ways to make sure we manage terrestrial resources wisely. Or we'll lose the goose."

*Nell Perry Bovender wrote about nurse-midwives in the January 1996 issue of Carolina Country.*





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# The Back Pages of

by Owen Bishop

The magazine is discolored, its paper faded after resting for half a century on bookshelves or tucked away in file drawers. The brittle newsprint flakes off at the edges as I leaf through it, yet its cover still clearly proclaims it the June 1946 edition of *The Carolina Farmer* — "Volume 1, Number 1."

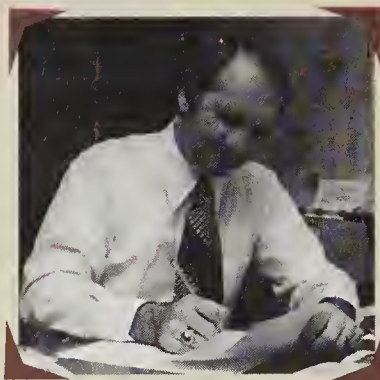
I handle it gently because it's a rare copy of the first issue of the publication that would become *Carolina Country* — the earliest incarnation of the magazine you're now reading.

The cover photograph shows a smiling young woman surrounded by peach trees in a Montgomery County orchard. A bold blurb describes the magazine's journalistic province: "Covering the Carolinas from the mountains to the sea."

I've pulled the magazine from its file seeking inspiration for my latest writing assignment: a brief history of the publication marking its Golden Anniversary. I've often used the file copies during my 22 years with the magazine, as we prepared to toast other milestones or sought historical perspective to inform our latest editorial efforts. In recent years, I could have used our dusty microfiche files for this research—or accessed our new computerized library of these volumes. Yet I preferred going through the bound copies—to touch the pages as so many other hands had done long before I became part of the magazine's history.

Making a connection with past editors here is important to me because I'm as much a part of that lineage as any I might claim through family kinship. All the editors and associate editors have helped to carry on the magazine's rich tradition of service to rural Tar Heel families. And we are forever linked by the magazine's enduring record: 50 years of informing, educating, aiding, enlightening and entertaining its readers with timely material selected especially for them.

When the first issue of *The Carolina Farmer* finally took form in 1946, it was the realization of a dream J.E. "Nick" Nicholson had nursed for months: to produce an independent magazine that would "support agriculture and rural people in any way possible," he said later. Once he had found adequate financial backing, he set up shop in Greensboro, where the magazine would be produced by McCullough Press.



Editor Owen Bishop, 1976.

Here's a sampling of what appeared in the first issue:

- an electrical engineer recommends improving efficiency on the farm through the use of electricity.
- agricultural specialists explain why milk and livestock feed are in short supply.
- a veteran public health official advocates changes in rural health care.
- a Sandhills peach grower describes managing an orchard.
- writers report on soil erosion, depleted forests, the Grange and the North Carolina Farm Bureau.

In addition, that premiere issue's 36 pages also included a column by the "Washington Farm Reporter," a Methodist minister's sermon, a short story by Greensboro's celebrity-writer O. Henry, recipes, advice on post-war food problems, guidelines on how to buy children's books, and ads for steel silos, the new Nash 600, and El Moro cigars.

In a column simply titled, "Our Policy," Nicholson said the magazine has a responsibility to help mold and shape "a rounded life of service on the farm, in the home and to humanity . . . We realize, that if we serve broadly, we must be tolerant; if we succeed, we must be untiring; if we really accomplish good and serve the social and economic needs of rural mankind, we must be honest with ourselves and with those we attempt to serve."

Nicholson soon expanded his scope to cover North Carolina's rural electrification movement. It seemed a natural outgrowth of the magazine's support for rural people. In 1948 he offered the magazine to the young electric distribution cooperatives to use as their "official organ." As new, member-owned cooperatives, these not-for-profit enterprises had an obligation to keep their members informed about business activities, and Nicholson knew their numbers would grow.

In January 1949, 20,000 of the state's 100,000 co-op consumers began receiving *The Carolina Farmer*, and Nicholson proclaimed "the dawn of a new era" for both the magazine and rural North Carolina.

The magazine quickly became part of the co-ops' strategy for coping with attacks from the commercial power companies at that time. The investor-owned utilities vigorously opposed consumer-owned electric cooperatives because they hoped to someday provide service in the rural areas — once population growth had made it a more profitable operation.

In 1950 the co-ops formally set up a statewide

Royal Crown ad, 1946

Durham Royal Crown Bottling Company



# Carolina Country

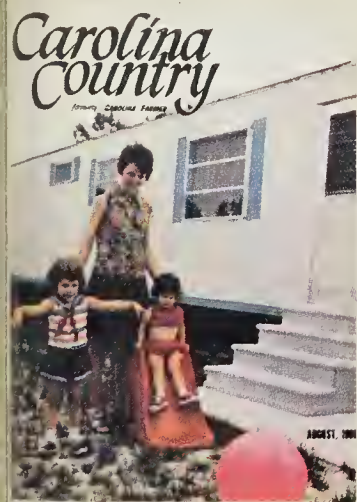
organization to represent their shared political, legal and communication objectives. In 1952, that organization, Tarheel Electric Membership Association, agreed to buy *The Carolina Farmer* for \$4,555 and by August had moved into an office in downtown Raleigh.

After the buy-out, Nicholson took a job as manager of an electric co-op based in Brookville, Pa. The North Carolina co-ops asked Jerry Anderson to take a leave-of-absence from his job at French Broad Electric Membership Corporation in Marshall and run the magazine. (He stayed more than four years and later became manager of the national association of electric cooperatives.) Anderson worked in the Raleigh office and later shared it with William T. "Bill" Crisp, who had led the formation of the statewide association and became its executive manager. An attorney who had represented various co-ops for several years, Crisp strongly supported their use of the magazine as a communications vehicle.

Crisp kept Anderson in place as editor and brought in Rebekah Rivers as assistant editor. The three of them became partners in producing the magazine each month for readers in 52,000 Tar Heel homes. Its circulation had been about 1,700 in 1946 but grew gradually as co-ops signed up to subscribe for their members.

By 1956, the magazine's circulation had reached 120,000 — with 20 of the state's 32 co-ops subscribing at the rate of 3.5 cents per copy. Advertising revenues had helped hold the subscription rate near where it had started 10 years before: \$1 for 36 issues.

## Carolina Country, Vol. 1, No. 1



Mrs. Ronald Fory and her two daughters are pictured outside their mobile home served by South River EMC.

By 1975, 25 of the state's 28 co-ops were distribut-

ing the magazine to 240,000 families. That audience put Carolina Country in good company as it reached more Tar Heel readers than any other publication except TV Guide — a distinction that enhanced the magazine's appeal for advertisers.

Over the next 20 years, the circulation rose to its current high of more than 350,000, ranking fifth in the nation among rural electric statewide publications. Advertising sales are at an all-time high, having topped \$456,000 in 1995. Those revenues offset much of the cost of producing the magazine, allowing the co-ops to distribute it at an average cost of 28.4 cents per copy, including postage.

In recent years the co-ops and their statewide organization have experienced tremendous growth as they have expanded their horizons and fine-tuned their services. Together they now make up one of North Carolina's 20 largest companies with a consumer base totaling 1.6 million people throughout the state. State office personnel now number more than 160 — and seven of us have a hand in producing Carolina Country each month. Employees at seven co-ops also contribute material for localized editions published especially for their co-ops.

Yet Carolina Country continues to carry out the mission described for it by its early custodians. In fact, they easily could have authored the magazine's current mission statement, which was embraced by its governing board in 1992: "The mission of Carolina Country magazine is to serve as the official voice of the electric cooperatives in North Carolina, providing a cost-effective vehicle of communications linking the state's electric co-ops with their consumer-members."

I can't help wondering how familiar those words might be to another writer who could stumble across this page in a 21st century version of a file drawer. Perhaps they'll offer inspiration for an article marking yet another anniversary of this publication.

Owen Bishop was editor of Carolina Country from January 1975 to August 1993. He is now special projects director at the state office of Carolina Electric Cooperatives.



*Farmall tractor ad, 1946.*

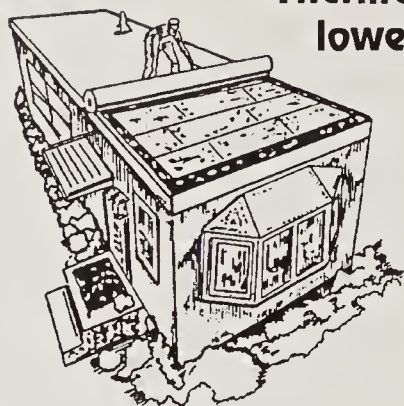




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# How To Suppress That Surge

The quality of your household electrical power is as important to you as the quality of your household water supply. Just as poor quality water can affect your plumbing and glassware as well as your health, the quality of your electric power can affect your household electrical equipment.

Even though you can't see electricity, it "flows" through power lines and into your household wiring to reach your appliances and other equipment. Your electric cooperative is concerned that the quality of that electricity is the best it can be.

A noticeable change in power quality occurs when the flow of electricity is disrupted by sudden voltage surges, often indicated by dimming or blinking lights in your home.

These surges can occur more often this time of year when lightning storms are common. But lightning is not the only cause of power surges.

Birds and other animals can damage power lines and poles. Neighbors using heavy power tools can cause a surge in your power supply. Highway accidents involving utility poles are another cause.

Conditions inside your home also affect power quality. Faulty wiring, loose connections, poor grounding, and erratic operation of heating and air conditioning systems can cause surges.

Power surges also can enter your homes through antennas or television and telephone cables. A surge in voltage quickly travels through wiring to delicate electronic components, even when the equipment is turned off, and can damage motors and sensitive electronic parts. Surges can slowly wear down micro-processors, and may cause computers and other equipment to fail unexpectedly.

These power surges have become more of a concern today because of the

sophisticated electronic devices we have in our homes. Surges can be caused in many ways, and most homes will experience power surges at one time or another. Your electric cooperative has devices in place on its lines to try to keep surges from damaging its equipment and reaching customers' homes, but many surges cannot be stopped or prevented.

Your electric cooperative urges you to do what you can to protect your home wiring, appliances and electronics from surges to avoid costly equipment repairs or replacement.

Halifax EMC, based in Enfield, has been offering its members surge protectors since December 1995. The co-op offers whole-house protection which includes a meter-based surge protector located where electricity enters the house (see illustration above), as well as various plug-in strip suppressors for appliances in the home such as computers, fax machines, modems and cable television. The plug-in strips are necessary to ensure the extra protection needed for more expensive and delicate electronic equipment.

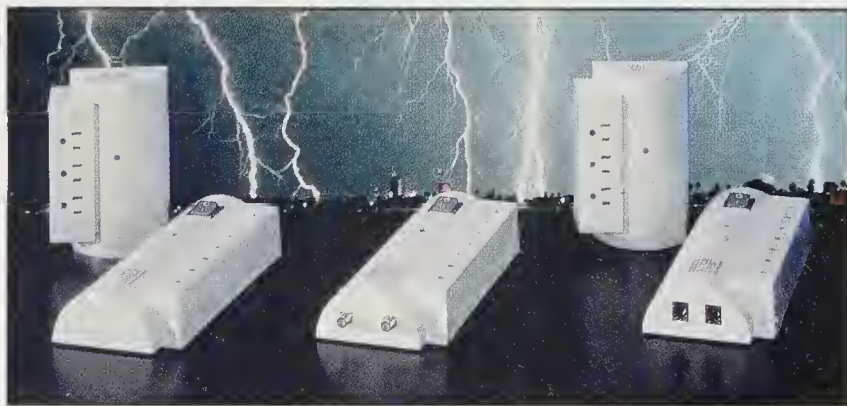
"Surge suppressors work like an insurance policy to dissipate voltage before it enters your house, whether it comes from



*A meter-based suppresser.*

Mother Nature or a car accident on a power pole," says Sonny Haney, manager of operations and engineering for Halifax EMC.

The Halifax EMC surge suppresser kit includes a meter-based suppresser designed to prevent most surges from ever entering your home, plus a single plug-in strip, a three-outlet strip, a



*Examples of household surge suppressors.*

six-outlet strip, a phone module and a cable module designed to protect your television from surges in your cable lines. The kit can be purchased or leased from Halifax EMC.

Union EMC, based in Monroe, also has a comprehensive surge suppresser program. In the past, if a member called with a power surge problem, the co-op first had to determine if the problem was caused before the power reached the entry point (the meter) at the member's home or was caused within the home. Inside the



home, the member's only option was to call an electrician to pinpoint the source.

Now, says director of operations Jeff Edwards, Union EMC has acquired state licensing to find the problem and correct it with an appropriate surge protection package. "Response to this service from our members has been great," Edwards says.

Unfortunately, power surges will occur on power lines from time to time. Lightning is a major cause, and while no suppresser kit can guarantee your possessions against a direct lightning hit, they can provide excellent protection in virtually all other cases.

For more information about power surges or protection systems, contact your electric cooperative. — *Kim Whorton*

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**Next month:** Electric Utilities in North Carolina: Who They Are, How They Operate





## Gold medals, Gold Wings.

## Lexington promoted

The Tourism Authority of Lexington, N.C. has issued a new brochure promoting the city as a destination. For a free copy, contact Lexington Area Chamber of Commerce at (800) 513-5002 or (704) 246-5929.

## Gold Wings cruise in comfort

When many people hear "motorcycle," they think of rowdy biker gangs, growling Harley Davidsons and some characters from the movie "Easy Rider." But there is a growing number of motorcycle riders who are more sedate.

Members of the Gold Wing Road Riders Association (GWRRA) are as dedicated as their Harley counterparts, but they prefer the creature comforts that the Honda-built, two-person Gold Wing touring bike provides: cruise control, a reverse gear, CB radio, AM/FM cassette stereo and a powerful but quiet 1600cc 6-cylinder engine. The organization has over 850 chapters and 61,000-plus members nationwide.

The North Carolina district has 45 chapters and 2,713 members. The district's state rally — the largest in the United States — is called "Wings over the Smokies" and will be held in Fletcher Sept. 19-21.

Local chapters hold regular meetings and ride functions, and the public is welcome. For more information on the nearest chapter, send a self-addressed stamped envelope to: Gold Wing, 138 Arey Road, Statesville, NC 28677.

## Going for the gold: Olympics scenes in North Carolina

The southeastern United States hosts the Olympic games for the first time this summer and North Carolina is participating. From July 19 to Aug. 4, Atlanta will see people from 200 nations, including tens of thousands of athletes and their coaches, competing in 26 sports from archery to yachting.

Although most North Carolinians will not get to Atlanta during the 17 eventful days, Tar Heels are still involved.

Fourteen North Carolina cities will welcome the Olympic torch that left Los Angeles and is traveling from Olympia, Greece to its Atlanta destination. Many international teams are pre-training in North Carolina. Durham will host a major international twilight track meet, preceding the July opening. And a major exhibit is on view through Sept. 1 at the N. C. Museum of History in Raleigh, featuring North Carolina Olympic medal winners.

In the United States for 100 days, the Olympic torch relay began its U.S. journey from Los Angeles with 10,000 runners crisscrossing the country, through 42 states and the District of Columbia, visiting 29 state capitals, including Raleigh.

Raleigh plans June 22 evening festivities on the Fayetteville Street Mall with entertainment and 9 p.m. greetings from the mayor. Leaving Raleigh June 23, the torch travels through Durham, Chapel Hill and Burlington to Greensboro. Greensboro's plans include its largest fireworks display ever. On June 24, the torch travels to Winston-Salem, where an Olympic gymnast and others will high-

light the morning celebration at the Madison Park office area, with music and entertainment later. Then it's on to Charlotte through Kannapolis. Among Charlotte's plans are a "pre-party" uptown, including fireworks. The torch also will pass through Asheville, Cherokee, Flat Rock, Hendersonville, Mountain Home and Wake Forest.

Teams pre-training in North Carolina include the United States, Italy, Germany, New Zealand, Australia, Norway, the Netherlands, Brazil and Jamaica. Their sports are track and field, basketball, gymnastics, judo, boxing, wrestling, table tennis and weightlifting, swimming and equestrian skills utilizing various college, university and municipal facilities all across the state.

North Carolina fans also can see Olympic slalom canoe/kayak events at the Ocoee Whitewater Center, in the Cherokee National Forest near the North Carolina-Tennessee border.

And in Durham, fans can see the world's best athletes at the "Gold Rush" track meet July 13

at Duke University's Wallace Wade Stadium for a final tune-up prior to the Olympic competition. Leroy Walker, U.S. Olympic president, created the twilight meet to showcase North Carolina's ability to host an international sporting event. Teams involved are United States, Australia, Brazil, Costa Rica, Dominican Republic, Guatemala, Jamaica, Norway and New Zealand. For details and tickets, ranging from \$5 to \$15, contact Duke Athletic Ticket Office 919-681-2583.

—Peggy Howe



Atlanta 1996 ©

## Goat farming comes to North Carolina

North Carolinians interested in goat farming may want to check out a new publication, Goat Rancher. The monthly "magazine of America's commercial meat goat industry" plans to cover developments in research and business.

The introduction of the Boer goat into the U.S. about three years ago allowed small farmers to raise goats on relatively few acres with an initial investment of about \$5,000, says publisher Terry Hankins. The new Southern States Meat Goat Cooperative's processing plant in Mississippi is a ready market, he says.

Texas is the leading goat farming state, he says, with Tennessee and Georgia ranking second and third.

Subscriptions are \$25 per year. For more information, contact Goat Rancher at 731 Sandy Branch Rd., Sarah, MS 38665. (601) 562-9529.



## An Appalachian Summer opens June 30

The 12th season of An Appalachian Summer Festival runs June 30 to August 3 on the campus of Appalachian State University. Scheduled are classical, jazz and folk concerts, ballet and modern dance, theater performances, sculpture exhibits, lectures, workshops and an international film series.

Performers include the North Carolina Symphony, Miami City Ballet, Parsons Dance Company, Mike Cross, and Preservation Hall Jazz Band. "The Glass Menagerie" will be staged by the Signature Theatre Company of New York. For a complete schedule and ticket information, contact ASU at (800) 841-ARTS.



## Waynesville museum opens "Creative Hands" exhibit

The Museum of North Carolina Handicrafts in Waynesville has opened its 1996 summer season with a special exhibit, "Creative Hands: Wood and Clay." Works by 19th and 20th Century N.C. master craftsmen from the museum's permanent collection will be featured.

Clay pitchers, churns and crocks by early and contemporary potters Ben Owen, M.L. Owen, W.B. Cole, Dorothy and Walter Auman of the Seagrove and Jugtown areas will be on display, including pieces from the W.B. Stephen collection from Buncombe County. Wood carvings of animals, mountain characters and folk toys plus mountain musical instruments will be featured, crafted by Tom Wolfe of Blowing Rock, Willard Watson of Deep Gap and noted Cherokee artisans Bill Crowe and Dewey Owle. Carvings by Edd Pressnell of Banner Elk, as well as works by his wife Nettie and son Baxter will also be on display.

The exhibit runs through June 15. The museum is open through Nov. 1. Hours are Tuesday-Friday 10 a.m.-4 p.m. Admission is \$4 adults, \$2 students 12 and under. Special group tours are arranged by appointment, and group admission rates are available.

For further information or for a free brochure on the museum, contact: Museum of North Carolina Handicrafts, 307 Shelton St., Waynesville, NC 28786, or call (704) 452-1551.

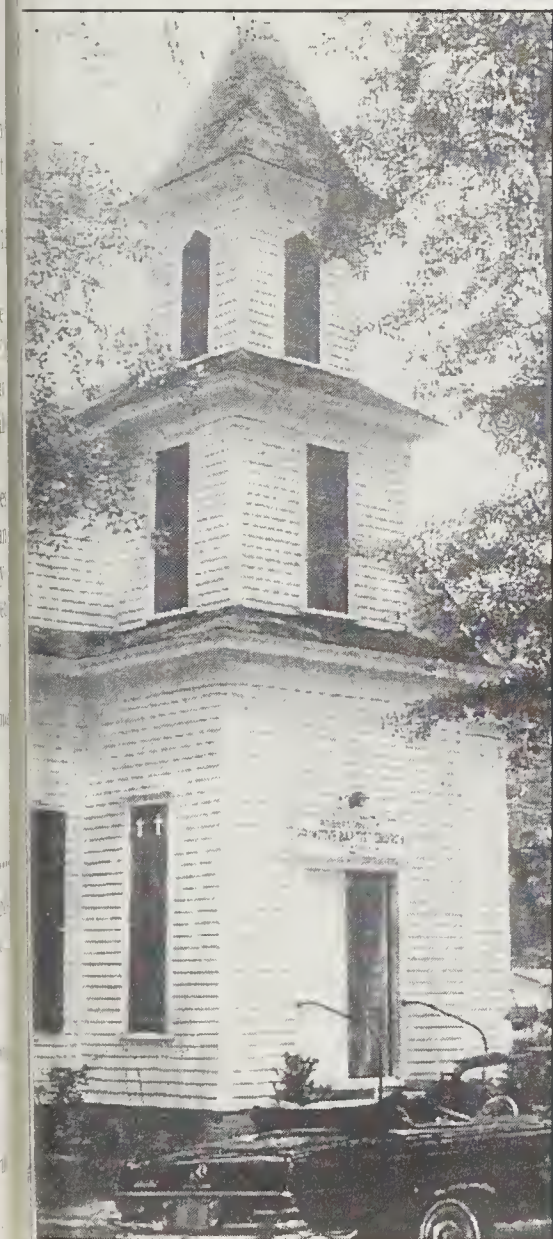
## 800 recipes from Chatham County's Mt. Vernon church

The Mt. Vernon United Methodist Church in Chatham County has published the fourth edition of its cookbook. The book contains over 800 recipes on 318 pages and includes a "Low Fat" section of more than 200 recipes and a section for diabetics.

The church is 164 years old and this year became a two point charge (Silk Hope Charge). More than 50 of its members are served by Central Electric Membership Corporation (Sanford).

The cookbook is available for \$12 postpaid. Checks and money orders should be made payable to Mt. Vernon UMW, c/o Linda Fields, 811 Driftwood Dr., Siler City, NC 27344.

## You want to see some Carolina pottery?



St. James Place museum in Robersonville.

A retired doctor is doing double duty to preserve North Carolina's heritage in Martin County. Not only has he restored an abandoned church, but he also co-owns a large collection of North Carolina pottery.

Dr. A. Everett James, a retired radiologist and former chairman of radiology at Vanderbilt University Medical School in Nashville, Tenn., returned to his native Robersonville to concentrate on his favorite pastimes: collecting southern art, N.C. pottery and contemporary folk art. James has devoted much of his time to exploring and sharing the history of pottery in North Carolina.

He and Carol Wilson have amassed more than 750 pieces, including urns, jars, pitchers and pots fashioned by master potters across the state. The collection spans the 19th and 20th centuries and represents all the geographic areas of North Carolina.

The James-Wilson pottery collection, plus a sampling of contemporary folk art, is on display at St. James Place, the restored Primitive Baptist Church in Robersonville. The 1910 church is on the provision list of the National Register and winner of the Carraway Award from Preservation North Carolina.

For information, contact St. James Place at Box 789, Robersonville, NC 27871. Phone: (919) 795-4719.



# News of the Cooperatives

## Dorris White has a 50-year perspective at Albemarle EMC



Dorris White

When Albemarle EMC first energized its line in September 1946, the co-op served about 2,000 households. Today, Albemarle EMC serves more than 8,600 members in Chowan, Perquimans, Pasquotank, Camden and Currituck counties.

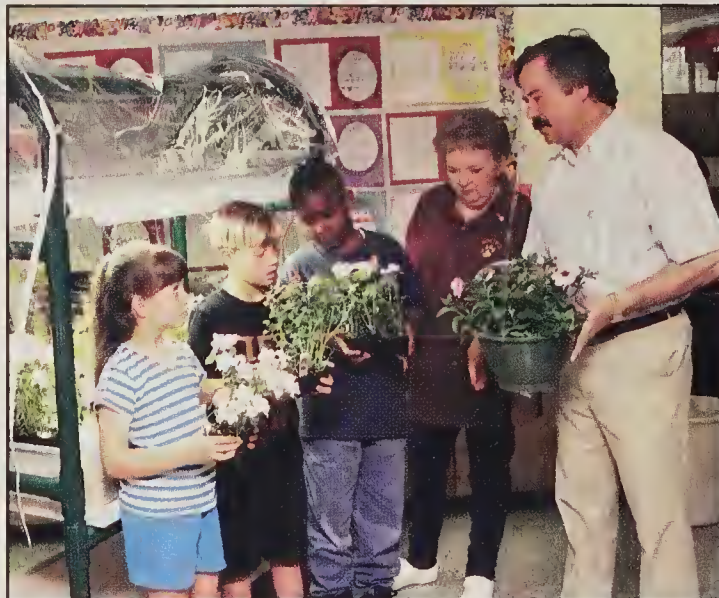
During all that time, Dorris White has watched the cooperative develop more closely than anyone. She began working as a secretary in the office in January 1946 when the cooperative had erected only one pole. Later she was bookkeeper, office manager and project coordinator. In 1983 she was appointed manager and has held that position since then.

"I am lucky to be able to do something I enjoy," she says.

"There have been very few days in my life that I haven't looked forward to coming to work."

Dorris White is a well known and respected professional in northeastern North Carolina. During her time at Albemarle EMC, the cooperative's service area has changed from one dominated by small farms to today's mix of various sizes of farms and related industries, tourist and recreational attractions, new housing developments and increasingly active destinations for coastal travelers and retirees.

Growing up with  
your cooperative.



Philip Morgan

Bolivia Elementary School students managed their own grow labs at school this year through a science project funded by Brunswick Electric Membership Corporation and co-sponsored by Cooperative Extension of Brunswick County. At right is Billy Privette, Extension and 4H agent for Brunswick County who worked with the students and teachers during the year.

## Learning about "Energy at Your House"



Catherine O'Dell

Students watch as a golf ball traces the "path of power" from a generating plant to a household lightbulb.

Several cooperatives recently hosted the new exhibit "Energy at Your House," which allows viewers to learn about the residential uses of electricity.

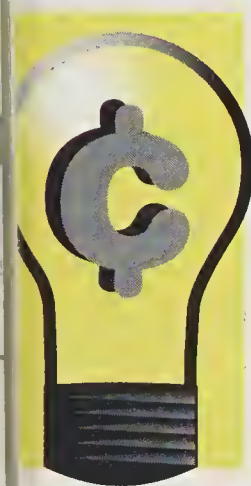
The exhibit was assembled by the Catawba Science Center in Hickory and funded by North Carolina's electric cooperatives. It is a hands-on display that explains the nature of electricity, how we consume it, and how we can use it wisely. Components include a hand-crank generating device, a wheel that explains how much power is consumed by various appliances and activities, a short video that shows heat gain and loss in a house, and a touch-screen computer game starring an "energy dog."

"Energy at Your House" has been shown to members of South River EMC, Crescent EMC, Union EMC and Wake EMC. More than 675 students saw the exhibit while it was at South River EMC's Dunn office for four days in April. It will be scheduled at other cooperatives later this year and in 1997.



# Making Cents of Your Electric Bill

by James Dulley



They can lower your heating and cooling bill by 30-40%.

## New, super-efficient heat pumps

Are you thinking of replacing your old heat pump, even though it still works, with a new super-efficient model? Do you want one that is less noisy and provides better warmth and cooling? Will a replacement save you any money? How much will I save?

Replacing your old heat pump with a new quiet model can lower your heating and air-conditioning costs by as much as 30 to 40 percent. Some super-efficient heat pumps can produce up to \$3 worth of heat for each \$1 on your utility bills.

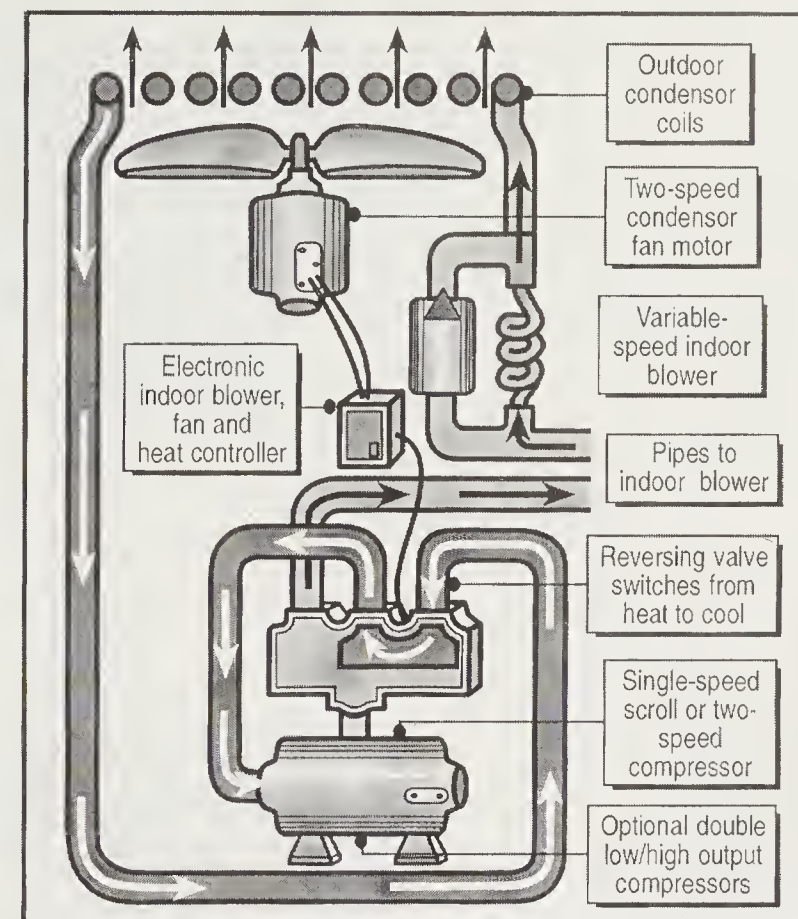
Installing a new heat pump in place of an old central air conditioner and furnace can lower year-round utility bills. In mild weather, an electric heat pump can heat cheaper than an old gas furnace.

For highest efficiency and best comfort, install a two or three-level heat pump. A two-level heat pump uses a two-speed compressor to vary the heat output. It runs in the efficient and quiet low-speed mode most of the time.

This not only saves electricity, but it makes each run cycle longer to produce constant room temperatures. During severely cold or hot weather, it automatically switches to the high-speed mode for maximum output.

Three-level heat pumps use two compressors - one small and one medium-sized. In mild weather, only the small compressor runs. In moderate weather, the medium-sized one runs. In very cold (or hot) weather, both compressors run. If the house still is too cool, backup resistant heaters come on.

Two and three-level heat pumps use special variable-speed blower motors. These



Super-efficient multilevel heat pumps improve comfort, cut bills

efficient blower motors improve comfort and can save an additional \$300 of electricity each year.

The most efficient single-level heat pumps use a scroll compressor. Scroll compressors have few moving parts. Without the pistons and hardware of standard compressors, scroll compressors are much quieter.

As these scroll compressors wear over years of operation, they actually seal better and operate smoother than when they were new. The basic design is reliable and they should continue to operate at high efficiency-levels as they age.

Refer to the Heating Season Performance Factor (HSPF) for heating, and Seasonal Energy Efficiency Ratio (SEER) for cooling when comparing various heat pumps. Have your contractor do a computerized payback analysis.

Also compare the type of compressor and number of heat levels, which affect comfort and noise level. The most expensive model is not always the best choice for your specific house and budget.

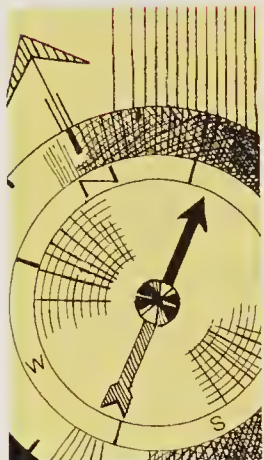
Contact your electric cooperative for information specific to your home.

Also, you can write for Update Bulletin No. 515, showing a buyer's guide of 15 super-efficient heat pumps listing HSPF and SEER, heating and cooling output capacities, compressor types, levels and speeds and an annual savings payback chart. Please include \$2.00 and a business-size SASE. James Dulley, Carolina Country, 6906 Royalgreen Dr., Cincinnati, OH 45244

Copyright ©1996 by James Dulley, an energy expert and syndicated columnist in Cincinnati.



# Here, There and Everywhere



June 1 – July 7.

## Air Show

**June 1-2, Asheboro**

Over 20 WWII and later aircraft, including War Bird, Flying Farmer, ZAK52. Saturday 9-5, Sunday noon-5. \$5 per adult. Food booths. Asheboro Municipal Airport. (910) 625-6120.

## Woodworking Demo

**June 2, Huntersville**

Beaded siding discussion and demonstration. At Latta Plantation. (704) 875-2312.

## Outdoor Drama

**June 6-8, 13-15; Polkton**

"Sneydsborough: A Ripple in the River," nightly at 8:30 p.m. in the amphitheater on the Polkton campus of Anson Community College. (704) 694-4181.

## Deadlines

Deadlines for submitting notices.

August issue..... June 25

September issue ..... July 25

October issue..... August 25

We welcome photos and illustrations of coming events. Send notices to Calendar, Carolina Country, P.O. Box 27306, Raleigh, N.C. 27611.



## "Listen and Remember"

**Beginning June 7, Waxhaw**

Historical outdoor drama about the life and times of Andrew Jackson and the people of the Waxhaw settlement. \$8, \$3 for children 12 and under, \$5 for seniors. Fridays and Saturdays at 8:30 p.m. (704) 843-2300.

## Occaneechi Saponi Festival

**June 8, Hillsborough**

Traditional Native American festival. Foods, music, storytelling, primitive weapons demonstration and crafts. (919) 304-3723.

## Sheep Dog Herding

**June 8-9, Lawndale**

Border collies herd sheep around an obstacle course at the whistled directions of their masters. (704) 538-3487.

## Craft Show and Sale

**June 14-15, Brevard**

Local handcrafters specializing in woodworking, basket-making, ceramics, clocks, jewelry and wearable art. At Brevard College, 9 a.m. to 5 p.m.

## Country and Bluegrass

**June 14-15, Mapleton**

6th annual traditional festival and contest at Darden Family Farm, near Murfreesboro. Free camping in the rough. Main and children's stage. Clearwater, Travis Holloway & Phototransfer, others. Winners go to Nashville. Opens at 6 p.m. (919) 398-4478.

## June Jubilee Horse Show

**June 14-15, Shelby**

Open horse show featuring top saddlebreds, walking horses, racing horses and hunters. Craft and tack vendors, entertainment and concessions. Cleveland County Fairgrounds. (704) 482-1564.

## King's Birthday Celebration

**June 15, New Bern**

Tryon Palace grounds and gardens open free of charge. Performances of 18th-century music on authentic instruments and 18th-century country dances. (800) 767-1560.

## Equestrian Shows

**June 15-16, Union County**

Meridian farms will host several shows in the Indoor Arena. (704) 764-9410.

## Hog Day

**June 15, Hillsborough**

Barbecue cooking contest, live music, arts, crafts, vintage and antique car show, pot-belly pig contest, children's entertainment and rides, and a petting zoo. (919) 732-8156.



## Garden Tour

**June 15, Hickory**

"Romance of the Garden" tour of area gardens. Peter Hatch, director of gardens and grounds at Monticello, is the featured speaker. (704) 322-4731.

## Father's Day Jazz Concert

**June 16, Raleigh**

The Gregg Gelb Swing Band performs in the Museum Park Theater. Free at the N.C. Museum of Art. (919) 839-6262.

## Merce Cunningham Dance Company

**June 19, Raleigh**

Show time is 7 p.m. Arrive at 6 p.m. at the Museum Park Theater, N.C. Museum of Art. (919) 839-6262.

## Blue Ridge Mountain Craft

**June 22, north of Sparta**

At the Higgins Center, Allegheny Fairgrounds on US-21. (910) 372-2578.

## Pickers Reunion

**June 22, Gold Hill**

Ralph Pennington memorial celebrating over 50 years of bluegrass old time and traditional music. Open to pickers and listeners. Go Hill Mines Historic Park, south Salisbury. (704) 279-5674.

## African-American Dance

**June 22, Raleigh**

Join Chuck Davis on the "bant ba" or dancing ground. 7 p.m. at the Museum Park Theater, N.C. Museum of Art. (919) 839-6262.

## Blessing of the Fleet

**June 22, Hobucken**

Gospel music, arts, craft educational displays, kiddie rides, Giggles & Clowns, "Little M Blessing" contest, boat tours, local seafood, and the blessing of the commercial fishing fleet. (919) 745-5057.



## **.....ing on the Mountain**

### **June 23, Grandfather Mountain**

all-day music convention in its 72nd year features southern gospel groups in the meadow at the base of Grandfather Mountain. (704) 733-013.

## **Antique Show and Sale**

### **June 28-30, Morehead City**

Antique dealers, restoration and repair specialists. At the Crystal Coast Civic Center. (919) 728-5225.

## **Old Homes Tour**

### **June 28-29, Beaufort**

Historic private homes, buildings and gardens. Additional crafts demonstrations and exhibits. (919) 728-5225.

## **Wild Horse & Burro Days**

### **June 28-30, Cross Plains, Tenn.**

Native American and western arts, horse show arena and campground, living history camp, competitive horse and burro show and equine training clinic, and horse adoptions. (615) 654-1556.

## **Bicentennial Celebration**

### **June 29, Cross Plains, Tenn.**

Artist David Wright will be signing his limited edition print created for the bicentennial. (615) 711-9025.



## **Kiln Opening**

### **June 29, Lenoir**

Wood-fired pottery, face jugs, corn grinding, quilting party, pony and wagon rides, and mountain music. South of Blowing Rock at Bolick Family Pottery. (704) 295-3862.

## **Fourth of July Parade**

### **June 29, Sparta**

One of the largest holiday parades in the area. Begins at 11 a.m.

## **Patriotic Concert**

### **June 30, Sparta**

Winston-Salem Community Concert Band begins at 4 p.m. in the Sparta School Auditorium.

## **Fourth of July Celebration**

### **June 30 - July 4, Wake Forest**

June 30: Salute to Colonel Ransom Sutherland at the Wake Forest Country Club. July 3: Fireworks display and historical program at Trentini Stadium. July 4: Children's parade on N. Main St. (919) 556-3936.

## **Old Salem Torchlight Procession**

### **July 4, Winston-Salem**

More than 200 costumed men, women and children on Salem's square with a traditional Moravian brass band. Special events all weekend. (910) 721-7300.

## **N.C. Nature Artists**

### **July 1-7, Grandfather Mountain**

On display in the Nature Museum. (704) 733-2013.

## **Tryon Palace**

### **July 4, New Bern**

Free admission to the palace grounds on July 4 from 9 a.m. to 5 p.m. (800) 767-1560.

## **Croaker Festival**

### **July 5-7, Oriental**

Parade, arts, crafts, fish fry, fireworks and a Miss Pamlico County contest. (919) 249-0555.

## **Arts and Crafts at the Gap**

### **July 5-7, Highlands**

Juried art and craft show at Sassafras Gap Campground, Hwy. 28 South. Live entertainment, food. \$1. (704) 526-3181.

## **Christmas in July**

### **July 6-7, West Jefferson**

Crafts, food and entertainment downtown. (910) 246-9550.

## **Woodworking Demo**

### **July 7, Huntersville**

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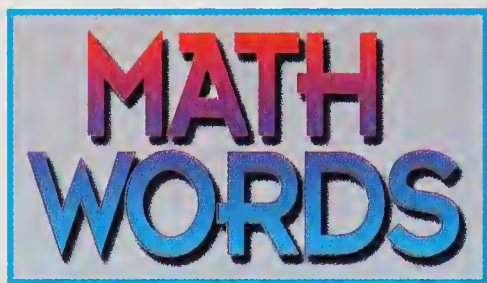


# Joyner's Corner

by Charles Joyner



## The real answers.



Each of the ten different letters in this division problem stands for a different digit from 0 through 9. Can you replace the digits that get LIGHT from POWER? Hint: Look first for the square, the 0, and the 5.

$$\begin{array}{r}
 \text{L I G H T} \\
 \text{L ) P O W E R} \\
 \text{P} \\
 \hline
 \text{O} \\
 \text{O} \\
 \hline
 \text{W} \\
 \text{G} \\
 \hline
 \text{W E} \\
 \text{W H} \\
 \hline
 \text{I R} \\
 \text{I R}
 \end{array}$$

Answer on page 30.  
Offer on page 27.

## Bill Montague wins \$10

Bill Montague of Goldsboro won the \$10 prize offered to readers who solved correctly the puzzle "TWELVE/TWO=SIX," published in the March 1996 "Joyner's Corner."

His was one of 362 correct answers:  $102342/107=956$ . His entry was chosen at random from all the correct answers submitted by the April 15 deadline.

Entries came from all over North Carolina, from Rodanthe to Murphy, and from other states as well. Many readers said they enjoy the puzzles, including 12-year-old John Neil Davidson of Brasstown, who submitted a correct answer to the March cryptarithm.

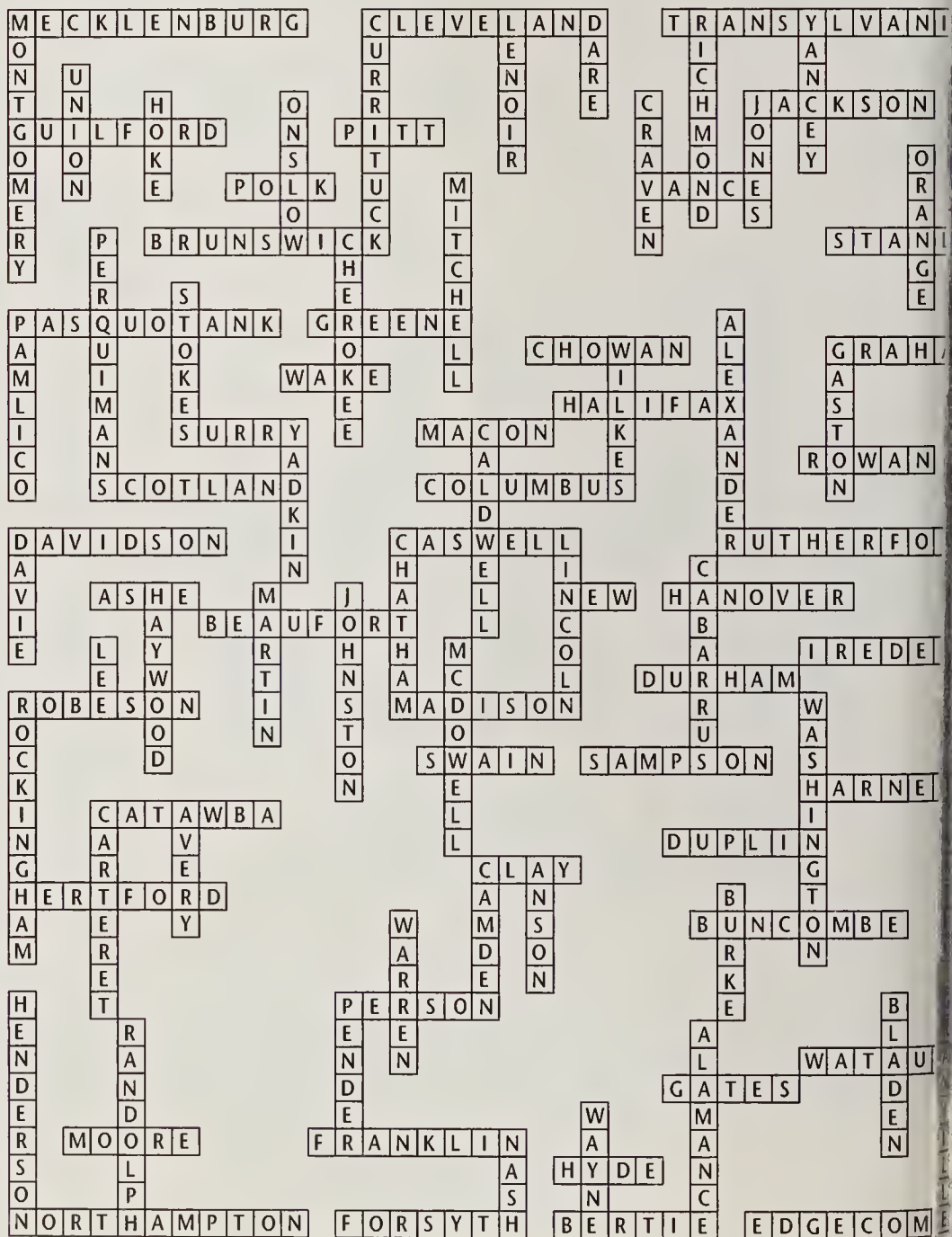
Thanks to everyone who responded. We'll try this again some time.

## Did you find the mistakes?

"The Great North Carolina County Quiz" published here last month contained some hidden mistakes. We'd like to say we put them there deliberately, to see if you would catch them.

Person County was missing from the list of counties, though there was a place for in the criss-cross. Two criss-cross blocks were missing for Vance County (see solution). Sampson County and Stanly County were misspelled. It won't happen again.

Thanks to the diligent puzzle workers who completed the criss-cross anyway.





# UMMER CLEARANCE!



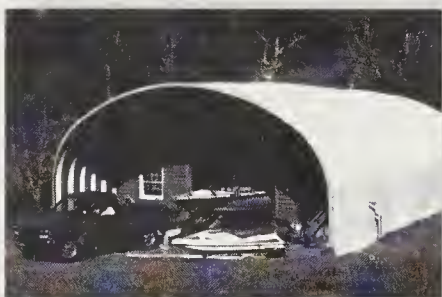
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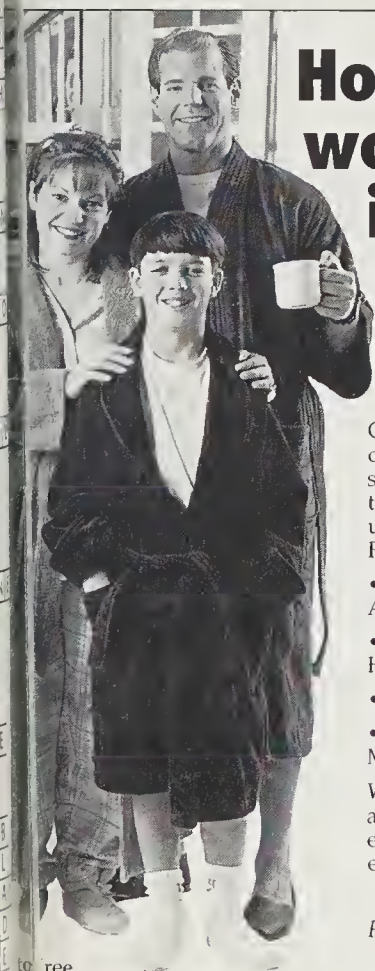
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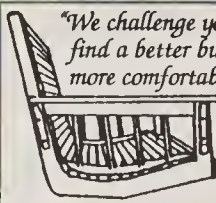
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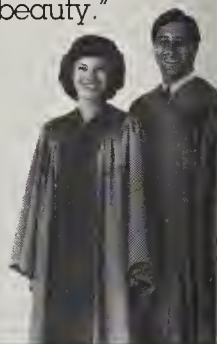
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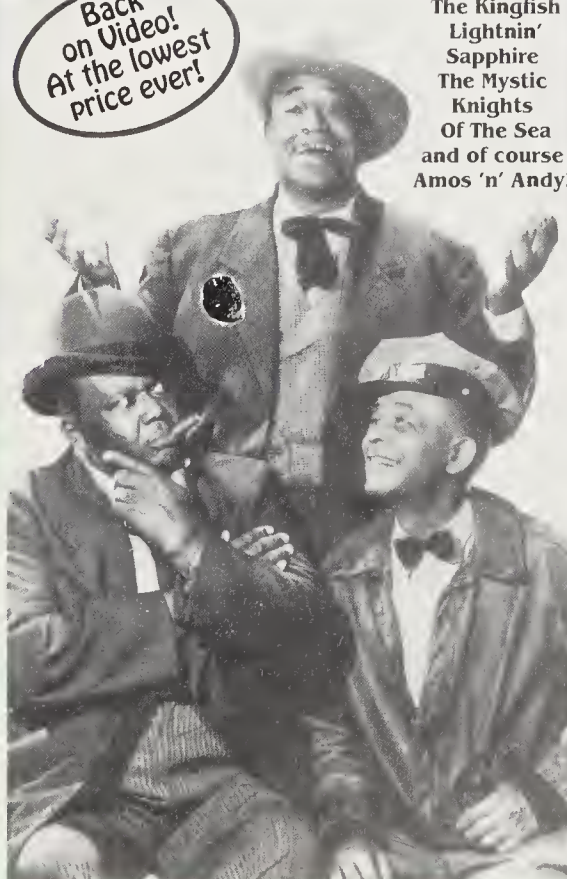
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# Hank's Gardening Guide

by Hank Smith



**We've reached the period of abundant color and fragrance in gardens.**

## Lawn mowing

Mow grass higher during hot weather than during cool. By raising your mower, you can alleviate some of the stress that grass endures during dry summer months.

## Weed out

Sometimes it helps when pulling weeds to moisten soil beforehand. Often, this allows the roots of weeds to dislodge without harming roots of nearby plants. Small newly-sprouted weeds with shallow roots usually can be pulled with ease. Weed pulling is best done in late afternoon or on a cloudy day. This gives nearby injured or "disturbed" plants time to repair damage before they again face the hot summer sun. Even a few hours will do much to aid recovery.

It's pretty and fragrant out there now: hydrangeas, roses, gardenias, southern magnolias, daylilies, annual and perennial flower beds all speak out for nature. Longer days extend the time for doing garden chores — cooler early mornings and twilight hours give opportunity to complete mowing, edging, and digging jobs. Often the wind is calm during these times, making for a good period to apply any needed sprays or dusts.

## Summer poinsettia care

Poinsettia house plants should be planted outdoors, clay pot and all. Dig a hole slightly deeper than the pot — a sunny border or in the vegetable garden is a good location. When new growth appears, pinch back long stems to develop a low, bushy plant.

## Vegetables

If you've not already transplanted broccoli, cabbage and cauliflower to the garden, the job should be done soon. There's still time to sow seeds of lettuce, mustard, turnips, spinach, carrots and radishes. When watering, soak soil around plants rather than spraying water on the foliage. The moisture does more good in soil; sometimes moisture on leaves will encourage disease problems.

## Remove seed heads

As you make the rounds of your garden, clip away faded blooms from plants before they make seed. This helps prolong the blooming periods of annual and perennial flowers. This pruning of shrubs such as crape myrtle, azalea and rhododendron will help to develop more flower buds for next season's bloom.

## Geraniums

Apply one or two tablespoons of 10-10-10 fertilizer to geraniums. During the hottest periods of summer, geraniums cease to bloom. This is called "heat delay." As nights begin to cool, plants will begin to bloom in profusion.



*Hydrangea*

## Root cuttings

Take cuttings of azaleas, camellias, hollies (particularly the cornuta and burfordi types), and many other broadleaf evergreen shrubs. Make your cutting of new growth that has begun to mature and harden. Cuttings should be three to six inches long with leaves removed from the lower quarter or third of the stem. Keep cuttings moist until they can be placed in growing media of  $\frac{1}{3}$  sand,  $\frac{1}{3}$  garden loam,  $\frac{1}{3}$  peat moss or compost. Treating the base of cuttings with a root-inducing hormone often helps to stimulate a quicker and stronger growth.

## Background accents the foreground

A flower bed of annuals and/or perennials, or a group of flowering shrubs may be displayed more effectively with a suitable background such as a fence or stone wall. Usually, however, the most effective is a border or hedge of good broadleaf evergreens. Among those that make excellent backgrounds: pittosporum, Burford holly, tea olive, sasanqua camellia, wax myrtle, Carolina cherry laurel, cleyera and wax ligustrum.

A flower bed planted in the middle of open lawn is not as attractive as one with the backing of a fence, wall or mass of evergreens. Well-landscaped yards do not use flower beds as "fillers" or "floating islands;" rather they are used as emphatic accents at the base of a strong landscape element.

## Leaf scorch

If tips and margins of leaves show drying and discoloration during hot dry summer weather, it's a good bet that more moisture is being lost from foliage than is being taken up through roots. Although such injury may be caused by a number of things, insufficient water may be the cause. Correct the deficiency by soaking plants periodically during dry weather.

## Extend the rose show

Roses need not stop growing and producing flower buds during the hot summer. It's important to keep plants fertilized, watered and free of insects and diseases. A good deep mulch will help the watering situation. Fertilize once a month with a complete fertilizer (8-8-8; 10-10-10) keeps new growth and flower buds coming.



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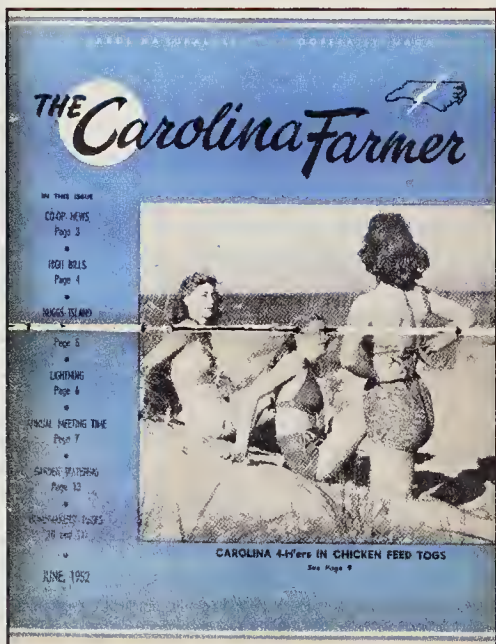
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**Avoid dining by candlelight, says the October 1946 issue: "It throws a gloom over spirits as well as over the table."**



*Carolina 4-H'ers in Chicken Feed Togs, June 1952.*

## Remnants of research: glimpses of the magazine's colorful history

In the process of researching the 50-year history of this publication for the article on pages 6-7, I collected lots of interesting material we couldn't squeeze into that two-page spread. I think some of it is worth sharing here:

- In the October 1946 edition, Dr. Jane S. McKimmon of the Agricultural Extension Service offered these tips for entertaining dinner guests:

Turn on the light. - "No one can be witty in the dark. It takes plenty of light for snappy exchanges of wit, so don't let anyone induce you to turn off your electricity and dine by candlelight. It throws a gloom over spirits as well as over the table.... So, if you wish a lively party, turn on the light. Not a man I know likes to dine in the candle twilight."

Keep the conversation flowing. "A cordial host and hostess are always the dinner's best asset when their ability to laugh and talk... can hold their guests' attention."

- The pages of those early Carolina Farmer magazines offer no insight into the kind of relationship that might have existed between the two men who were most heavily involved in launching the publication. But a handwritten note in one of the file copies makes it clear that Russell Simmons, the publisher, had deep respect for J.E. "Nick" Nicholson, the editor.

Simmons apparently penned the note as a holiday greeting to accompany a gift for the editor at Christmas in 1947. It said: "To my good friend 'Nick,' the living example of 'how to win friends and influence people' — whose ability, dynamic energy and perseverance has made Carolina Farmer. Period."

- In June 1952, the magazine's cover featured a photo of three young women on the beach, modeling special sunsuits. A caption under the photo described the scene: "Carolina 4-H'ers in Chicken Feed Togs." Readers are referred to an inside page, where Jackie Frehand, a 4-H'er from Wanchese, is pictured with a pile of feed bags. She's showing the "first step in making a new sunsuit," the caption says, adding: "Feed comes in special bags for reuse by customers. For the delightful result, see cover."

- Five of Carolina Country's six former editors have continued their careers in the

rural electric program after leaving the magazine post.

J. E. "Nick" Nicholson, the first editor, left the magazine in 1952 to become manager of an electric cooperative in Pennsylvania. He retired in 1977 and relocated to Florida. He died in 1989.

Jerry Anderson, who was editor from 1952 to 1956, spent a couple of years with a national trucking association in Washington before moving to the National Rural Electric Cooperative Association. Nine years later, he joined a Washington public relations firm. He died in 1988.

J.C. Brown Jr. was editor from 1956 to 1961, when he too joined the staff of NRECA. He later became executive manager of the North Carolina co-ops' statewide organization but returned to the national association in 1973. He retired in 1993.

Dick Pence, who succeeded Brown, left the editor's post in 1967 to work with NRECA. He stayed with the association until September 1994, when health problems forced him to take an early retirement.

When Michael E.C. Gery became the magazine's seventh editor in 1993, I moved to a new position in the statewide co-op organization: director of special projects. I has given me an opportunity to work on magazine and corporate communications projects while coordinating the co-ops' Bright Ideas grant program for teachers.

Jim Chaney, who succeeded Dick Pence is the only former editor who ended his career when he left the editor's post. Health problems forced him to retire in 1975 after eight years in the job. He died in 1992.

- Worth noting:

- ◆ The first full color cover, a photo of azaleas at Greenfield Park in Wilmington, appeared on the May 1957 edition. Full color covers did not become a standard feature until July 1965.
- ◆ The magazine's staff assumed responsibility for typesetting and pre-press production work in 1975. In-house desktop publishing was introduced in 1992.
- ◆ The National Rural Electric Cooperative Association recognized the magazine as the nation's top rural electric statewide publication in 1960, 1961 and 1993.
- ◆ The national Council of Rural Electric Communicators presented the magazine with an Award of Merit in its "Spotlight on Excellence" competition citing the magazine for its performance during 1994.



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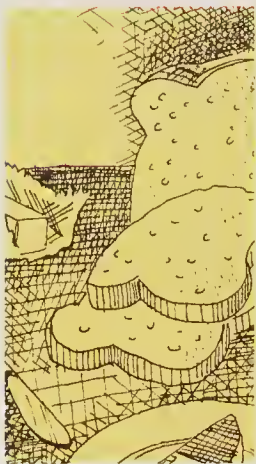
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| 2 apples, peeled and diced       | 1 cup dark grapes, seedless  |
|                                  | 2 tablespoons mayonnaise     |

Mix all ingredients together well. Add a bit of the drained juice if necessary to have a better consistency. Chill and serve in pretty container. (Yield: 12 servings)

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From page 22

Answer to

MATH  
WORDS

POWER/L = LIGHT  
9 6 1 7 4 / 3 = 3 2 0 5 8



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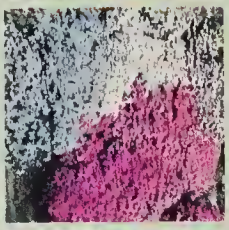
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